s correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to:

Attorney Docket No.: A-21-1

Commissioner for Patents, Alexandria, VA 22313-1450

Michelle Nicely

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Examiner:

Art Unit:

In re application of:

Paul O. Davison et al.

Application No.: 10/661,118

Filed: September 12, 2003

INSTRUMENT FOR ELECTROSURGICAL For:

TISSUE TREATMENT

STATEMENT UNDER 37 CFR §1.97 and §1.98

INFORMATION DISCLOSURE

Commissioner for Patents Alexandria, VA 22313-1450

Sir:

The references cited on attached form PTO-1449 are being called to the attention of the Examiner. A copy of each is enclosed.

It is respectfully requested that the cited information be considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue there from.

This IDS is being filed before the mailing date of the first Office Action on the merits. Accordingly, Applicants believe that no fee is necessary. Should a fee be deemed necessary for submission of this IDS, the Commissioner is authorized to charge the required fee to Deposit Account No. 50-0359.

Respectfully submitted,

Octobal 2003 Date

Richard R. Batt

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| FORM PTO-1449 (Modified) | | | Attorney Docket No. | Application No.: | | | |
| LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT PE (Use sere) | | A-21-1 10/661,1 | | 0/661,118 | | | |
| | | Applicant: Paul O. Davison et al. | | | | | |
| DET 1 1 2003 12 | | | Filing Date: September 12, 2003 | Group: | | | |
| Reference L | esimation | U.S. | . PATENT DOCUMENTS | | | , | |
| Examiner Initial | Document No. | Date | Name | Class | Sub- class | Filing Date | |
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| | | FOREI | GN PATENT DOCUMENTS | | | T | |
| | Document No. | Date | Country | Class | Sub- class | Translation (yes/no) | |
| AA | EP 0 694 290 | 11/15/00 | Europe | A61B | 18/04 | | |
| AB | 92/21278 | 12/10/92 | WIPO | A61B | 5/04 | | |
| AC | 94/08654 | 04/28/94 | WIPO | A61M | 37/00 | | |
| AM | 97/00647 | 01/09/97 | WIPO | A61B | 17/39 | | |
| AE | 97/00646 | 01/09/97 | WIPO | A61B | 17/39 | | |
| AF | EP 0 703 461 | 03/27/96 | Europe | G01R | 27/02 | | |
| AG | EP 0 754 437 | 01/22/97 | Europe | A61B | 17/39 | | |
| AH | 97/48345 | 12/24/97 | WIPO | A61B | 17/39 | | |
| AI | 98/27880 | 07/02/98 | WIPO | A61B | 17/39 | | |
| AJ | 2 327 350 | 01/27/99 | UK | A61B | 17/39 | <u> </u> | |
| AK | 2 327 351 | 01/27/99 | UK | A61B | 17/39 | | |
| AL | 2 327 352 | 01/27/99 | UK | A61B | 17/39 | | |
| AM | 3930451 | 03/21/91 | Germany | A61B | 17/39 | | |
| AN | 57-57802 | 04/05/82 | JP | A61B | 1/00 | | |
| | OTHER ART | (Including Aut) | hor, Title, Date, Perti | nent Page | s, Etc.) | | |
| AO | Pearce, John New York. | A. (1986) Elec | trosurgery, pgs. 17, 6 | 9-75, 87, | John Wile | y & Sons, | |
| AF | | J.W. Ramsey et al. Urological Research Vol. 13, pp. 99-102 (1985). | | | | | |
| AD | V.E. Elsasser | et al. Acta M | Medicotechnica Vol. 24, | No. 4, p | p. 129-134 | (1976). | |
| AR | P.C. Nardella (1989) SPIE 1068:42-49 Radio Frequency Energy and Impedance Feedback | | | | | | |
| AS | R. Tucker et | al., Abstract | P14-11, p. 248, "A Bip | olar Elec | trosurgica | al Turp | |
| AT | _ | R. Tucker et al. <i>J. of Urology</i> Vol. 141, pp. 662-665, (1989). | | | | | |
| AU | R. Tucker et al. Urological Research Vol. 18, pp. 291-294 (1990). | | | | | | |
| AV AV | Kramolowsky et al. J. of Urology Vol. 143, pp. 275-277 (1990). | | | | | | |
| EXAMINER | DATE CONSIDERED | | | | | | |

| | | | Attorney Docket No. | Applicat | ion No.: | |
|---|---------------------------|---|-------------------------|------------------|---------------|--------------|
| FORM PTO-1449 (Modified) | | | Attorney Docket No. | Application No.: | | |
| IST OF PATENTS AND PUBLICATIONS FOR PPLICANT'S INFORMATION DISCLOSURE TATELED IF necessary) OCI 1 1 2003 | | A-21-1 10/661,118 | | | | |
| | | Applicant: Paul O. Davison et al. | | | | |
| | | Filing Date: September 12, 2003 | Group: | | | |
| eferosorAN | gnation | บ.ร. | PATENT DOCUMENTS | | т — — — | |
| xaminer nitial | Document No. | Date | Name | Class | Sub- class | Filing Date |
| | | | | | <u> </u> | |
| | | FOREI | GN PATENT DOCUMENTS | Class | Sub- | Translation |
| | Document No. | Date | Country | Class | class | (yes/no) |
| WA | WO 95/34259 | 12/21/95 | WIPO | A61F | 5/48 | |
| AX | WO 93/13816 | 07/22/93 | WIPO | A61B | 17/36 | |
| AY | WO 90/07303 | 07/12/90 | WIPO | A61B | 17/39 | |
| AZ | WO 94/04220 | 03/03/94 | WIPO | yes | A61B | 1/06 |
| BA | 0 740 926 A2 | 11/06/96 | EP | A61B | 17/39 | |
| BB | 96/00042 | 11/06/96 | WIPO | A61B | 17/39 | |
| BC | 97/24073 | 07/10/97 | WIPO | A61B | 17/39 | <u> </u> |
| BD | 97/24993 | 07/17/97 | WIPO | A61B | 17/39 | |
| BE | 97/24994 | 07/17/97 | WIPO | A61B | 17/39 | <u> </u> |
| BF | 97/48346 | 12/24/97 | WIPO | A61B | 17/39 | |
| BG | 98/07468 | 02/26/98 | WIPO | A61B | 1/40 | - |
| ВН | 2 308 979 | 07/16/97 | GB | A61B | 17/36 | |
| BB | 2 308 980 | 07/16/97 | GB | A61B | 17/39 | |
| BJ | 2 308 981 | 07/16/97 | GB | A61B | 17/36 | |
| BK | 57-117843 | 07/22/82 | JP | A61B | 17/39 | |
| BL | 99/51158 | 10/14/99 | WIPO | A61B | 17/39 | |
| BM | 99/51155 | 10/14/99 | WIPO | A61B | 17/36 | |
| BN | 98/27879 | 07/02/98 | WIPO | A61B | 17/36 | |
| BQ | WO 97/24074 | 07/10/97 | WIPO | A61B | 17/39 | |
| | OTHER ART | (Including Aut | hor, Title, Date, Perti | nent Page | s, Etc.) | |
| BE | Kramolowsky e | Kramolowsky et al. J. of Urology Vol. 146, pp. 669-674 (1991). | | | | |
| BQ | | Slager et al. Z. Kardiol. 76:Suppl. 6, 67-71 (1987). | | | | |
| BR | Slager et al. | Slager et al. JACC 5(6):1382-6 (1985). | | | | |
| BS | Olsen MD, Bir 10/07/91 | Olsen MD, Bipolar Laparoscopic Cholecstectomy Lecture (marked confidential), 10/07/91 | | | | |
| DVAMINED | | DATE | CONSIDERED | | | |

| | | | | 3 | ion No | |
|---|--|-----------------------------------|---|------------------|---------------|---|
| FORM PTO-1449 (Modified) | | | Attorney Docket No. | Application No.: | | |
| APPLICANT'S INFORMATION DISCLOSURE STATEMENT Sheets if necessary) | | A-21-1 | 10/661,118 | | | |
| | | Applicant: Paul O. Davison et al. | | | | |
| OCT 1 1 2003 | | | Filing Date: September 12, 2003 | Group: | | |
| Reference De | gnation | U.S. | PATENT DOCUMENTS | | | · • · · · · · · · · · · · · · · · · · · |
| examiner enitial | Document No. | Date | Name | Class | Sub- class | Filing Date |
| | | | ON DAMPING DOCUMENTS | | | |
| | | T | GN PATENT DOCUMENTS | Class | Sub- | Translation |
| | Document No. | Date | Country | | class | (yes/no) |
| BT | 90/03152 | 04/05/90 | WIPO | A61B | 17/39 | <u> </u> |
| BU | 2313949 | 01/07/77 | France | A61N | 3/02 | |
| BU1 | 93/20747 | 10/28/93 | WIPO | A61B | 5/00 | |
| | OTHER ART (| Including Auth | or, Title, Date, Pertir | ent Pages | , Etc.) | |
| BV | Codman & Shurtleff, Inc. "The Malis Bipolar Electrosurgical System CMC-III Instruction Manual" 7/1991 | | | | | |
| BW | Valley Forge's New Products, CLINICA, 475, 5, 11/6/91 | | | | | |
| BX | from 510K," 19 | 91 | o., "Summary of Safety | | | |
| BY | System CMC-II" | ' brochure, ear | ne Malis Bipolar Coagul cly 1991 | | | |
| BZ | L. Malis, "The Value of Irrigation During Bipolar Coagulation" See ARTC 21602, early 4/9/93 | | | | | |
| CA | L. Malis, "Excerpted from a seminar by Leonard I. Malis, M.D. at the 1995 American Association of Neurological Surgeons Meeting," 1995 | | | | | |
| CA | L. Malis, "Electrosurgery, Technical Note," J. Neursurg., Vol. 85, 970-975, 11/96 | | | | | |
| cc | Ian E. Shuman, "Bipolar Versus Monopolar Electrosurgery: Clinical Applications," Dentistry Today, Vol. 20, No. 12, 12/01 | | | | | |
| CD | Protell et al., "Computer-Assisted Electrocoagulation: Bipolar v. Monopolar in the Treatment of Experimental Canine Gastric Ulcer Bleeding," Gastroenterolog Vol. 80, No. 3, pp. 451-455 | | | | | |
| CE | Cook and Webster, "Therapeutic Medical Devices: Application and Design," 1982 | | | | | |
| CF | | | Manual, 1/6/83 | | | |
| cg | Electrosurgic | al Procedures, | emodulated Low Frequen " Surgery, Gynecology | | | |
| СН | Lu, et al., "Electrical Thermal Angioplasty: Catheter Design Features, In Vitro Tissue Ablation Studies and In Vitro Experimental Findings," Am J. Cardiol Vol. 60, pp. 1117-1122 | | | | | |
| EXAMINER | 1 | | CONSIDERED | | | |

| FORM PTO-1449 (Modified) | | | Attorney Docket No. | Application No.: | | |
|--------------------------|---|--|--|------------------|---------------|----------------------|
| APPLICANT'S | ENTS AND PUBLIC. INFORMATION DI | SCLOSURE | A-21-1 | 1 | 0/661,118 | |
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| (OCT 1 4 2003 () | | Filing Date: September 12, 2003 | Group: | | | |
| Relemence D | gnation | ບ.s | . PATENT DOCUMENTS | | | |
| Examiner Initial | Document No. | Date | Name | Class | Sub- class | Filing Date |
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| | | FORE | IGN PATENT DOCUMENTS | | | |
| | Document No. | Date | Country | Class | Sub- class | Translation (yes/no) |
| | | | | ļ | | |
| | | | | <u> </u> | | |
| | | | or, Title, Date, Pertin | | | |
| СН | Myocardium Dur & Obstetrics, | vol. 164, 219 | ctric Current and Volta rgical Procedures in Ca -224, March 1987 | IIIIes, D | argery, c | 7.10002037 |
| CI | J. O'Malley, Schaum's Outline of Theory and Problems of Basic Circuit Analysis, McGraw-Hill, 2 nd Ed., 1992, pp. 3-5 | | | | | |
| CJ | Arnaud Wattiez et al., "Electrosurgery in Operative Endoscopy," Electrosurgical Effects, Blackwell Science, pp. 85-93, 1995 | | | | | |
| ск | Leslie A. Geddes, "Medical Device Accidents: With Illustrative Cases" CRC Press, 1998 | | | | | |
| CL | Wyeth, "Electrosurgical Unit" pp. 1181-1202 | | | | | |
| CM | C.P. Swain, et al., <i>Gut</i> Vol. 25, pp. 1424-1431 (1984) | | | | | |
| CN | Piercey et al., <i>Gastroenterology</i> Vol. 74(3), pp. 527-534 (1978) | | | | | |
| co | | A.K. Dobbie Bio-Medical Engineering Vol. 4, pp. 206-216 (1969) | | | | |
| CP | B. Lee et al. JACC Vol. 13(5), pp. 1167-1175 (1989) | | | | | |
| CQ | K. Barry et al. American Heart Journal Vol. 117, pp. 332-341 (1982) | | | | | |
| CR | W Honig TEER | np. 58-65 (19 | 975) | | | |
| CR | W. Honig IEEE pp. 58-65 (1975) Jacob Kline, Handbook of Biomedical Engineering, Academic Press Inc., N.Y., | | | | | |
| CT | pp. 98-113, 1988 M.B. Dennis et al. "Evolution of Electrofulguration in Control of Bleeding of Experimental Gastric Ulcers," Digestive Diseases and Sciences, Vol. 24, No. 11, 845-848 | | | | | |
| CU | Letter from D | epartment of | Health to Jerry Malis d | ated Apri | 1 15, 198 | 5 |
| cv | | | FDA dated July 25, 198 | | | |
| CW | Letter from I | Letter from Department of Health to Jerry Malis dated 04/22/91 | | | | |
| CX | Leonard Malis, "Instrumenation for Microvascular Neurosurgery" Cerebrovascular Surgery, Vol 1, 245-260, 1985. | | | | | |
| EXAMINER | | | CONSIDERED | | | |

| FORM PTO-1449 (Modified) | | | Attorney Docket No. | Application No.: | | | |
|--|---------------------|-----------------|------------------------------------|------------------|---------------|-------------------------|--|
| LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use se call steet if necessary) | | | A-21-1 | 10 | /661,118 | | |
| Use se Gall | sheets if necessary |) | Applicant: Paul O. Davison et al. | | | | |
| OCT 1 4 2003 & | | | Filing Date: September 12, 2003 | Group: | | | |
| Reference | Designation | U.S. | PATENT DOCUMENTS | | | | |
| Examiner Initial | Document No. | Date | Name | Class | Sub- class | Filing Date | |
| | | | | | | | |
| | | FOREI | GN PATENT DOCUMENTS | | | | |
| | Document No. | Date | Country | Class | Sub- class | Translation (yes/no) | |
| CY | 1 149 564 A1 | 10/31/01 | EP | | | | |
| CZ | 0 774 926 B1 | 6/9/99 | EP | | | | |
| DA | 94/26228 | 5/10/94 | WO | | | | |
| DB | 95/05781 | 7/25/94 | WO | | | | |
| DC | 95/05867 | 8/9/94 | WO | | | | |
| DD | 95/30373 | 5/5/95 | WO | | | | |
| DE | 96/07360 | 7/28/95 | WO | | | | |
| DF | 97/15238 | 10/22/96 | WO | | | | |
| DF | 97/24992 | 1/2/97 | WO | | | | |
| DF | 97/41786 | 3/6/97 | WO | | | | |
| DF | 98/14131 | 10/2/96 | WO | | | | |
| DF | 2 379 878 | 3/26/03 | GB | | | | |
| | OTHER ART | (Including Auth | or, Title, Date, Perti | nent Pages | Etc.) | <u> </u> | |
| | | | | | | | |
| EXAMINER | | DATE | CONSIDERED | | | ·— | |